

As a below named inventor, I hereby declare that:

= Įij N

BEST AVAILABLE COPY

My residence, post office address and citizenship are as stated below next to my name.

	ninum Alloy Extrus	ions Having a Substantially Un	irecrystallized Si	tructure		
the spec				pplication Serial No(if applicable).	09/231,135	
	state that I have red by any amendmen	viewed and understand the con t referred to above.	tents of the abov	e identified specification	, including the cla	ims, as
	wledge the duty to dions, §1.56.	isclose all information known	to me to be mate	rial to patentability as de	fined in Title 37,	Code of Federal
certificat	te listed below and	ity benefits under Title 35, Un have also identified below any n on which priority is claimed:	foreign applicati			
	Foreign Application	(s)			Priority	Claimed
[] ————————————————————————————————————	(Number)	(Country)		(Day/Month/Year File	ed) Yes	No
11 	(Number)	(Country)		D 0 (1 0 E)	7	NT.
	,	•	d- 8120 -£	(Day/Month/Year File		No
I hereby the subje provided me to be filing da	claim the benefit usect matter of each of by the first paragrass material to patenta	nder Title 35, United States Co The claims of this application aph of Title 35, United States Co bility as defined in Title 37, Co cation and the national or PCT	is not disclosed i Code, §112, I ack ode of Federal Re	United States application in the prior United States mowledge the duty to disegulations, §1.56 which the state of the stat	a(s) listed below are application in the close all informationecame available became	nd, insofar as manner on known to
I hereby the subjection provided me to be	claim the benefit usect matter of each of by the first paragrass material to patenta	nder Title 35, United States Co the claims of this application aph of Title 35, United States Co bility as defined in Title 37, Co cation and the national or PCT	is not disclosed i Code, §112, I ack ode of Federal Re	United States application in the prior United States mowledge the duty to disegulations, §1.56 which thing date of this applications.	a(s) listed below are application in the close all informationecame available became	nd, insofar as manner on known to between the
I hereby the subje provided me to be filing da	claim the benefit usect matter of each of the first paragramaterial to patentate of the prior appliance.	nder Title 35, United States Co The claims of this application aph of Title 35, United States Co bility as defined in Title 37, Co cation and the national or PCT	is not disclosed i Code, §112, I ack ode of Federal Re Tinternational fil	United States application in the prior United States mowledge the duty to disegulations, §1.56 which bling date of this application (Status—page)	a(s) listed below are application in the close all information became available ton:	nd, insofar as manner on known to between the
I hereby the subje provided me to be filing da I hereby connecte	claim the benefit usect matter of each of by the first paragramaterial to patentate of the prior applied (Appln. Serial No.) (Appln. Serial No.) (Appln. Serial No.) appoint the following the discrete of the prior applied therewith:	ander Title 35, United States Confirmed Fithe claims of this application apply of Title 35, United States Confirmed in Title 37, Confirme	is not disclosed in Code, §112, I acknowledge of Federal Resident International file (Ing Date) Sing Date (Ing Date)	United States application in the prior United States mowledge the duty to disceptuations, §1.56 which being date of this application (Status—page) transact all business in	a(s) listed below are application in the close all information became available to the close and available to the close and available to the close are avail	nd, insofar as a manner on known to between the abandoned)
I hereby the subje provided me to be filing da I hereby connecte Tracey	claim the benefit usect matter of each of by the first paragramaterial to patentate of the prior applied (Appln. Serial No., appoint the following the distribution of the prior (Reg., v. D. Beiriger (Reg., v.))	nder Title 35, United States Co The claims of this application aph of Title 35, United States Co bility as defined in Title 37, Co cation and the national or PCT	is not disclosed it Code, §112, I ack ode of Federal Re international fil ling Date) Sing Date polication and to calter (Reg. No. 3	United States application in the prior United States mowledge the duty to disceptuations, § 1.56 which being date of this application (Status—page) transact all business in 2969), Glenn E. Klepac	a(s) listed below are application in the close all information became available bon: attented, pending, and the Patent and Track (Reg. No. 26474).	nd, insofar as a manner on known to between the abandoned)
I hereby the subjection provided me to be filing da I hereby connecte Tracey Edwar Thoma	claim the benefit used that the first paragrate matter of each of the prior applicate of the prior applicate of the prior application. (Appln. Serial No., appoint the following the determinant of the prior (Reg. No., appoint the following the prior (Reg. No., applicate of L. Levine (Reg. No., as R. Trempus (Reg. No., a	rider Title 35, United States Conference of the claims of this application apply of Title 35, United States Conference of the claims of this application apply of Title 37, Conference of the cation and the national or PCT (Fig. 1) (Fig. 1) (Fig. 2) (Fig. 2	is not disclosed it Code, §112, I ack code of Federal Recorder international fill ding Date) Supplication and to calter (Reg. No. 3 mith (Reg. No. 3	United States application in the prior United States mowledge the duty to disceptulations, §1.56 which being date of this application (Status—particular (Status—particular) transact all business in 2969), Glenn E. Klepac 1285), Gary P. Topolosky	a(s) listed below are application in the close all informations are available to on: attented, pending, and the Patent and Tracket (Reg. No. 26474), (Reg. No. 31888)	nd, insofar as a manner on known to between the abandoned)
I hereby the subjection provided me to be filing da I hereby connecte Tracey Edwar Thoma	claim the benefit used that the first paragrate matter of each of the prior applicate of the prior applicate of the prior application. (Appln. Serial No., appoint the following the determinant of the prior (Reg. No., appoint the following the prior (Reg. No., applicate of L. Levine (Reg. No., as R. Trempus (Reg. No., a	nder Title 35, United States Confirmed Fithe claims of this application aph of Title 35, United States (bility as defined in Title 37, Contact and the national or PCT (Fig. 1) (Fig. 1) (Fig. 2) (Fig. 2) (Fig. 2) (Fig. 2) (Charles Q. Buckwolo, 28097), David W. Pearce-State (No. 29708) (David W. Pearce-Smith, 2) (Fig.	is not disclosed it Code, §112, I ack code of Federal Recorder international fill ding Date) Supplication and to calter (Reg. No. 3 mith (Reg. No. 3	United States application in the prior United States mowledge the duty to disceptuations, § 1.56 which being date of this application (Status—page) transact all business in 2969), Glenn E. Klepac	a(s) listed below are application in the close all informations are available to on: attented, pending, and the Patent and Tracket (Reg. No. 26474), (Reg. No. 31888)	nd, insofar as a manner on known to between the abandoned)
I hereby the subjection provided me to be filing da I hereby connecte Tracey Edwar Thoma	claim the benefit used that the first paragrate matter of each of the prior applicate of the prior applicate of the prior application. (Appln. Serial No., appoint the following the determinant of the prior (Reg. No., appoint the following the prior (Reg. No., applicate of L. Levine (Reg. No., as R. Trempus (Reg. No., a	inder Title 35, United States Conference of the claims of this application aph of Title 35, United States (bility as defined in Title 37, Concation and the national or PCT (Fig. 1) (Fig. 1) (Fig. 2) (F	is not disclosed it Code, §112, I ack code of Federal Recorder international fill ding Date) Supplication and to calter (Reg. No. 3 mith (Reg. No. 3	United States application in the prior United States mowledge the duty to disceptulations, §1.56 which being date of this application (Status—particular (Status—particular) transact all business in 2969), Glenn E. Klepac 1285), Gary P. Topolosky	a(s) listed below are application in the close all informations are available to on: attented, pending, and the Patent and Tracket (Reg. No. 26474), (Reg. No. 31888)	nd, insofar as a manner on known to between the abandoned)
I hereby the subjection provided me to be filing da I hereby connecte Tracey Edwar Thoma	claim the benefit used that the first paragrate matter of each of the prior applicate of the prior applicate of the prior application. (Appln. Serial No., appoint the following the determinant of the prior (Reg. No., appoint the following the prior (Reg. No., applicate of L. Levine (Reg. No., as R. Trempus (Reg. No., a	nder Title 35, United States Confirmed Fithe claims of this application aph of Title 35, United States (bility as defined in Title 37, Contact and the national or PCT (Fig. 1) (Fig. 1) (Fig. 2) (Fig. 2) (Fig. 2) (Fig. 2) (Charles Q. Buckwolo, 28097), David W. Pearce-State (No. 29708) (David W. Pearce-Smith, 2) (Fig.	is not disclosed it Code, §112, I ack code of Federal Recorder international fill ding Date) Supplication and to calter (Reg. No. 3 mith (Reg. No. 3	United States application in the prior United States mowledge the duty to disceptulations, §1.56 which being date of this application (Status—particular (Status—particular) transact all business in 2969), Glenn E. Klepac 1285), Gary P. Topolosky	a(s) listed below are application in the close all informations are available to on: attented, pending, and the Patent and Tracket (Reg. No. 26474), (Reg. No. 31888)	nd, insofar as a manner on known to between the abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor <u>John Liu</u>	
Inventor's signature Residence Lower Burrell, Pennsylvania Post Office Address Aluminum Company of America Alcoa Technical Center 100 Technical Drive Alcoa Center, PA 15069-0001	Date 2-1-99 Citizenship U.S.A.
Full name of second joint inventor, if any Gary H. Brav	
Inventor's signature //cizy H. Buce-cy Residence Murrysville, Pennsylvania	Date 2-1-9 9 Citizenship U.S.A.
Post Office Address Aluminum Company of America Alcoa Technical Center 100 Technical Drive Alcoa Center, PA 15069-0001	Cidzonsinp <u>O.G.R.</u>
Full name of third joint inventor, if any David A. Lukasak	Date 2-5-99
Residence <u>Lafayette, Indiana</u> Post Office Address <u>Aluminum Company of America</u>	CitizenshipU.S.A.
Alcoa Center, PA 15069-0001	
Full name of fourth joint inventor, if any Robert C. Pahl Inventor's signature	Date 2 - 5 - 49
Residence West Lafayette, Indiana Post Office Address Aluminum Company of America	Citizenship U.S.A.
P.O. Box 7500	
Lafayette, IN 47903-7500	